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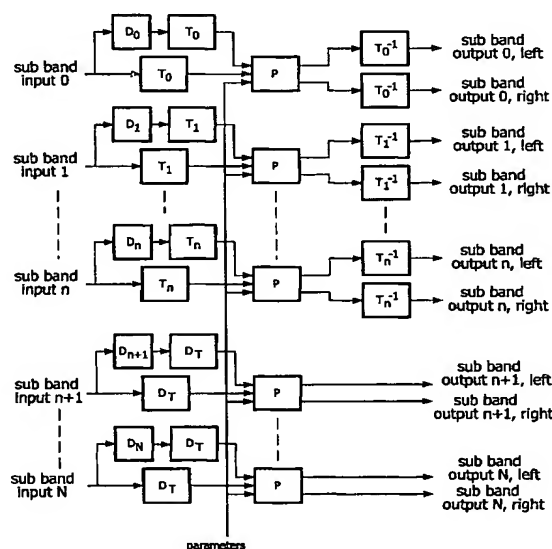
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(54) Title: AUDIO SIGNAL SYNTHESIS



(57) Abstract: Synthesizing an output audio signal is provided on the basis of an input audio signal, the input audio signal comprising a plurality of input sub-band signals, wherein at least one input sub-band signal is transformed (T) from the sub-band domain to the frequency domain to obtain at least one respective transformed signal, wherein the at least one input sub-band signal is delayed and transformed (D, T) to obtain at least one respective transformed delayed signal, wherein at least two processed signals are derived (P) from the at least one transformed signal and the at least one transformed delayed signal, wherein the processed signals are inverse transformed (T^{-1}) from the frequency domain to the sub-band domain to obtain respective processed sub-band signals, and wherein the output audio signal is synthesized from the processed sub-band signals.

**Declaration under Rule 4.17:**

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